

Abstract

An electrochemical element in the form of a button cell having at least one lithium-intercalating electrode, wherein the cell cover or the cell cup has an opening which is closed in a sealed manner during the formation process. Once the formation process has been completed, it is opened briefly for gas to escape from the cell, and is then closed in a gastight manner. The cell cover and the cell cup are composed in particular of metal. The opening can be closed by a metal or metal/plastic composite sheet, which is adhesively bonded or welded to the cell cover or to the cell cup.